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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

<b>UTILITY PATENT APPLICATION TRANSMITTAL Under 37 C.F.R. 1.53(b)</b>	Attorney Docket No:	PD-201104
	First Named Inventor:	Feng-Wen Sun
	Title:	A METHOD AND SYSTEM FOR PROVIDING A SEMI-DATA AIDED FREQUENCY ESTIMATOR FOR OQPSK
	Customer No:	20991

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application including:

<b>APPLICATION PARTS:</b>	<b>ACCOMPANYING APPLICATION PARTS:</b>
1. <input checked="" type="checkbox"/> Specification [Total Pages 18] 2. <input checked="" type="checkbox"/> Drawings [Total Sheets 7] 3. <input checked="" type="checkbox"/> Oath or Declaration [Total Pages 2] a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from prior application (37 CFR 1.63d) <i>(for continuation or divisional application)</i> i. <input type="checkbox"/> <b><u>DELETION OF INVENTORS</u></b> Signed Statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	4. <input checked="" type="checkbox"/> Assignment (cover sheet and documents) 5. <input checked="" type="checkbox"/> Power of Attorney (included in Oath or Declaration) 6. <input type="checkbox"/> Information Disclosure Statement (IDS/PTO1449) a. <input type="checkbox"/> Copies of IDS Citations 7. <input type="checkbox"/> Preliminary Amendment 8. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) 9. <input type="checkbox"/> Certified Copy of Priority Documents <i>(If foreign priority is claimed)</i> 10. <input type="checkbox"/> Other
<b>11. CONTINUING APPLICATION:</b> <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP)    of prior application No. _____ <i>Prior application information:</i> Examiner: _____    Group/Art Unit: _____	
<p>For <b>CONTINUATION</b> or <b>DIVISIONAL</b> applications only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 3b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts.</p> <p>a. <input type="checkbox"/> Amend the Specification by inserting before the first line the following sentence:          -- --          b. <input type="checkbox"/> The prior application is assigned to HUGHES ELECTRONICS CORPORATION.          c. <input type="checkbox"/> The power of attorney of the prior application is to _____.          d. <input type="checkbox"/> Please cancel claims _____ in the prior application before calculating the filing fee below.          e. <input type="checkbox"/> I hereby certify that the attached papers are a true copy of the prior application Serial No. _____ as originally filed on _____       </p>	

**12. FEES TRANSMITTAL:**

	<u>No. Filed</u>	<u>Extra</u>	<u>Rate</u>	<u>Fee</u>
Basic Fee			\$ 740.00	\$ 740.00
Total Claims	25	- 20 =	5 x \$ 18.00 =	\$ 90.00
Independent Claims	2	- 3 =	0 x \$ 84.00 =	\$ 0.00
Multiple Dependent Claims			n (Y/N) \$ 270.00	\$ 0.00
<b>TOTAL FILING FEE</b>				<b>\$ 830.00</b>

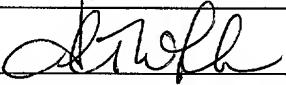
Please charge deposit account No. 50-0383 of Hughes Electronics Corporation, El. Segundo, California, in the amount of the Total Filing Fee calculated above. The Commissioner is hereby authorized to charge any additional fees that may be due, or credit any overpayment, to that deposit account.

13. The Commissioner is hereby further authorized to charge Deposit Account No. 50-0383, pursuant to 37 CFR 1.25(b), any fees that may properly become due or payable, as set forth in 37 CFR 1.16 and 1.17, for the entire pendency of this application without any additional authorization.

**14. This form is being submitted in triplicate.**

**15. CORRESPONDENCE ADDRESS:**

Name: Hughes Electronics Corporation  
Patent Docket Administration  
Address: P.O. Box 956  
Bldg. 1, Mail Stop A109  
Qty/State/Zip: El Segundo, CA 90245-0956

Signature:  Date: 02-11-02

Name (Print/Type): John T. Whelan, Reg. No. 32,448 Tel: 301-428-7172  
Fax: 301-428-2802

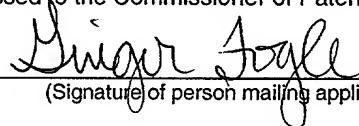
Certification under 37 CFR 1.10 (if applicable)

EE853900011US  
EXPRESS MAIL Mailing No.

2/11/2002  
Date of Deposit (m/d/yyyy)

I hereby certify that this application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Ginger Fogle  
(Type or printed name of person mailing application)

  
(Signature of person mailing application)